

A-Train 2010 Abstract Submissions

Category: education and public outreach

Name	Abstract Title	Accepted Abstract Format	Abstract
1. Rachel R Weihs <i>Center for Ocean- Atmospheric Prediction Studies (COAPS)</i>	NASA resources for enhancement of global climate change education in middle schools	Poster	<p>As part of the initiative to enhance global climate change education in middle schools, a goal has been set forth to increase teachers' awareness and knowledge of topics and resources related to global climate change through professional development. Teachers from three counties in Florida have been chosen to participate in this effort. These counties were chosen because their populations consist of a high percentage of students that are statistically underrepresented in the science and technology career fields. The first step in developing the professional development workshops will be to identify potential resources to support the selected topics of climate change. In addition, these resources will need to demonstrate climate change on smaller scales (i.e., local, regional) to link a global perspective of climate change with students' own lives. Here, examples of NASA resources, such as websites, satellite imagery, and data interfaces will be introduced as possible sources for use in the professional development. The resources will be evaluated for their effectiveness in demonstrating several topics and scales of climate change, for their accessibility by the educators, and for their suitability for the grade level.</p>